UAS for Homeland security Applications

Persistent Airborne Surveillance for Enhanced Security

Elbit Systems
UAS

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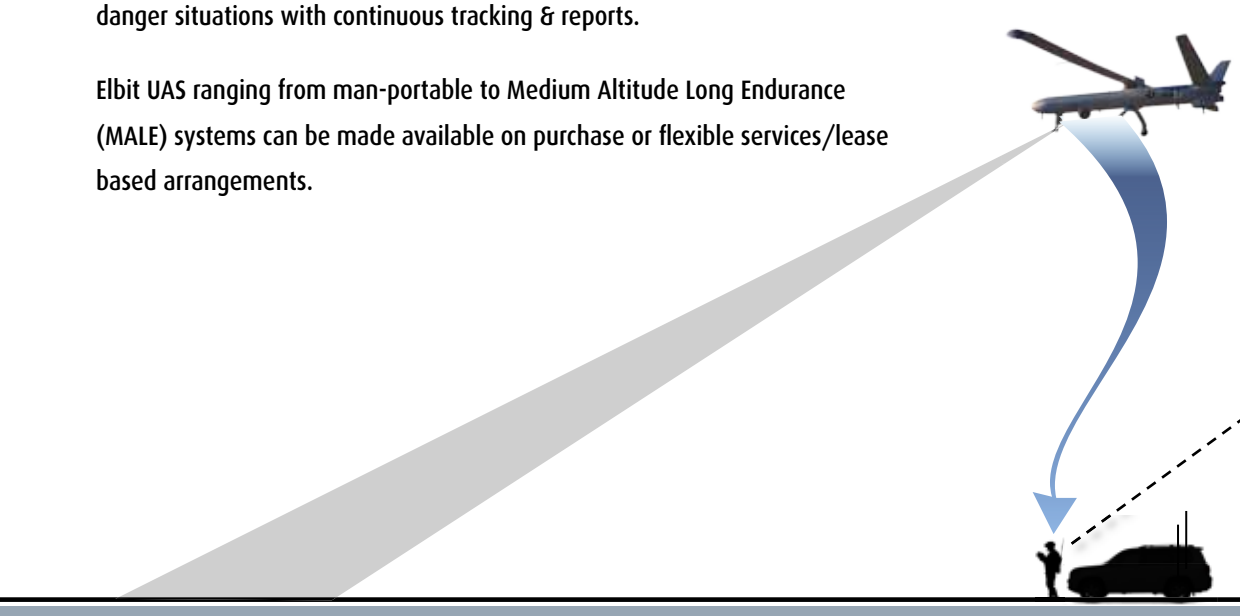
Persistent Airborne Surveillance for Enhanced Security

Elbit Systems' versatile UAS are successfully involved in day-to-day homeland security, counter-terror, and anti-crime operations around the globe.

Our highly autonomous and cost effective UAS can support border and maritime control, energy & economic infrastructure protection, urban surveillance. They are effective for securing major sport events and mass crowd situations, crisis management, search & rescue, environmental and nature monitoring, and more.

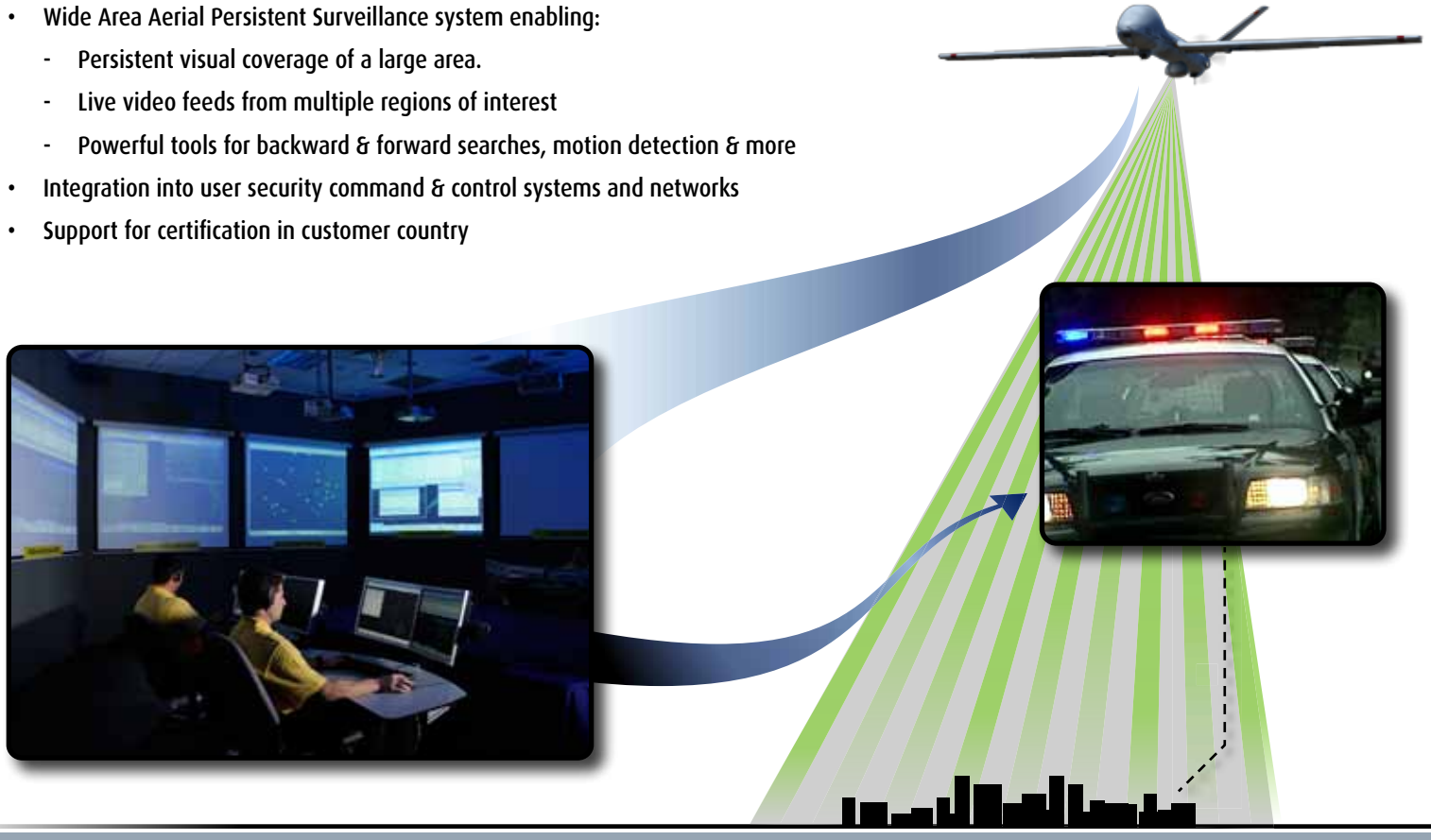
UAS capabilities include real time transmission of high quality day & night full motion video, COMINT/DF data (including GSM), and additional data to control centers and mobile or dismounted security forces. Our UAScan monitor areas of interest,respond to dynamic requests for live video, track suspicious vehicles or persons and more, providing early warning of hostile activities and danger situations with continuous tracking & reports.

Elbit UAS ranging from man-portable to Medium Altitude Long Endurance (MALE) systems can be made available on purchase or flexible services/lease based arrangements.



Major Features

- Highly autonomous systems
- Easy to operate –no piloting skills required
- EO/IR point-to-coordinate feature supporting easy patterns of "house calls" –sequenced electro-optical investigation of predetermined points of interest
- Wide Area Aerial Persistent Surveillance system enabling:
  - Persistent visual coverage of a large area.
  - Live video feeds from multiple regions of interest
  - Powerful tools for backward & forward searches, motion detection & more
- Integration into user security command & control systems and networks
- Support for certification in customer country



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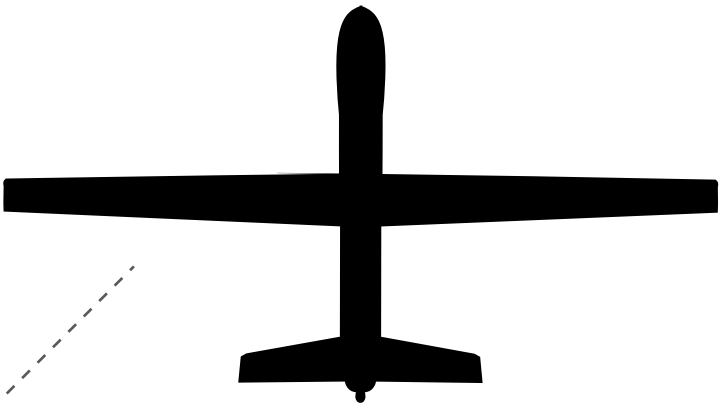
HERMES®900



Day/nightlivevideo

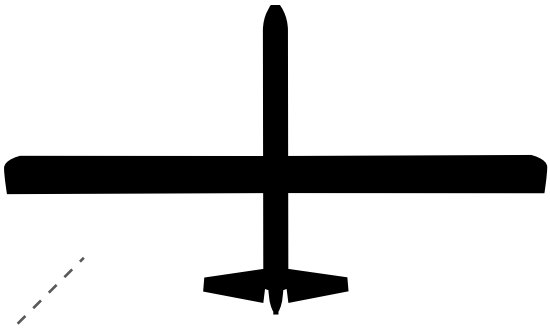
COMINT/DF

COMINTGSM

Large area scanning system

Wide area aerial persistent surveillance

HERMES®450



Day/night live video

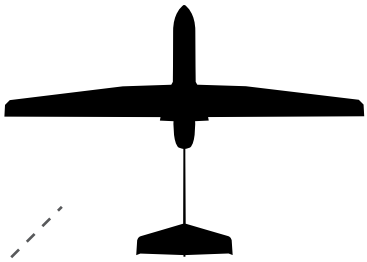
COMINT/DF

COMINTGSM

Large area scanning system

Wide area aerial persistent surveillance

HERMES®90



Day/night live video

COMINT/DF

COMINT GSM

Skylark®I-LE

Day/night live video

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